

## Mouse anti-Human PON1 Monoclonal Antibody | anti-PON1 antibody

Anti-PON1 Mouse mAb

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                              |
|-----------|-------|------------|-------------------------------------------------------------------------------------------|
| AAA14161  | Mouse | Human      | Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

PON1; Monoclonal Antibody; Anti-PON1 Mouse mAb; GMCSE; MGC131935; MGC138897; CSF2; anti-PON1 antibody

### PRODUCT SPECIFICATIONS

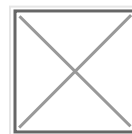
|                                                |                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                               |
| Reactivity                                     | Human                                                                                               |
| Clonality                                      | Monoclonal                                                                                          |
| Isotype                                        | IgG1                                                                                                |
| Clone Number                                   | 3D3                                                                                                 |
| Form/Format                                    | Ascitic fluid containing 0.03% sodium azide.                                                        |
| Sequence Length                                | 355                                                                                                 |
| Applicable Applications for anti-PON1 antibody | WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry) |
| Immunogen                                      | Purified recombinant fragment of human CSF2 (aa18-144) expressed in E Coli.                         |

### IMAGES



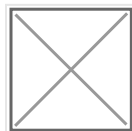
#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded liver cancer tissues using PON1 mouse mAb with DAB staining.



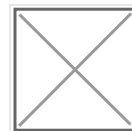
#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PON1 mouse mAb with DAB staining.



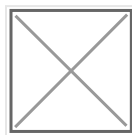
#### FCM (Flow Cytometry)

Flow cytometric analysis of Hela cells using PON1 mouse mAb (green) and negative control (red).



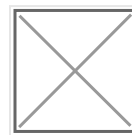
#### WB (Western Blot)

Western blot analysis using PON1 mouse mAb against human plasma cell lysate.



#### WB (Western Blot)

Western blot analysis using PON1 mAb against HEK293 (1) and PON1 (AA



#### WB (Western Blot)

Western blot analysis using PON1 mAb against human PON1 recombinant protein. (Expected MW is 40.6 kDa

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PON1 antibody | Entrez Summary: The enzyme encoded by this gene is an arylesterase that mainly hydrolyzes paroxon to produce p-nitrophenol. Paroxon is an organophosphorus anticholinesterase compound that is produced in vivo by oxidation of the insecticide parathion. Polymorphisms in this gene are a risk factor in coronary artery disease. The gene is found in a cluster of three related paraoxonase genes at 7q21.3. |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 1575043                          |
| NCBI GeneID                      | 5444                             |
| Molecular Weight                 | 39.7                             |
| NCBI Official Full Name          | paraoxonase                      |
| NCBI Official Synonym Full Names | paraoxonase 1                    |
| NCBI Official Symbol             | PON1                             |
| NCBI Official Synonym Symbols    | ESA; PON; MVCD5                  |
| NCBI Protein Information         | serum paraoxonase/arylesterase 1 |
| UniProt Protein Name             | Serum paraoxonase/arylesterase 1 |
| UniProt Gene Name                | PON1                             |
| UniProt Synonym Gene Names       | PON; A-esterase 1                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pon1-antibody-clone-3d3-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/14161>